

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8	dish\$1wash\$3 same manual\$2 near2 operat\$4 near2 (switch\$3 or turn\$3)	US-PGPUB; USPAT	ADJ	ON	2008/11/21 08:07
L2	29	(dish\$1wash\$3 or ware\$1wash\$3) same (manual\$2 near2 (operat\$4 or select\$5 or switch\$3 or turn\$3) same (heat \$3 or pre\$1heat or (pre adj heat)))	US-PGPUB; USPAT	ADJ	ON	2008/11/21 08:12
L4	238	(circulat\$4 near2 pump) and (heat adj distribution)	US-PGPUB; USPAT	ADJ	ON	2008/11/21 09:11
L5	19	(circulat\$4 near2 pump) and (heat adj distribution) near3 water	US-PGPUB; USPAT	ADJ	ON	2008/11/21 09:14
L7	31	(circulat\$4 near2 pump) SAME ((heat adj distribution) or "same temperature" or equilibrium) near3 water	US-PGPUB; USPAT	ADJ	ON	2008/11/21 09:15
L8	80	(circulat\$4 near2 pump) SAME (constant near4 temperature) near3 water	US-PGPUB; USPAT	ADJ	ON	2008/11/21 09:35
L9	663	(circulat\$4 near2 pump) SAME (mix\$3 near3 water)	US-PGPUB; USPAT	ADJ	ON	2008/11/21 09:36
L10	2	(circulat\$4 near2 pump) SAME (mix\$3 near3 water) same ("same temperature")	US-PGPUB; USPAT	ADJ	ON	2008/11/21 09:37
L11	663	(circulat\$4 near2 pump) SAME (mix\$3 near3 water)	US-PGPUB; USPAT	ADJ	ON	2008/11/21 09:37
L12	1120	(circulat\$4 near2 pump) SAME uniform \$3	US-PGPUB; USPAT	ADJ	ON	2008/11/21 09:42

L13	172	(circulat\$4 near2 pump) SAME uniform \$3 near3 (water or liquid)	US-PGPUB; USPAT	ADJ	ON	2008/11/21 09:47
L14	2824	uniform near2 heat near2 distribution	US-PGPUB; USPAT	ADJ	ON	2008/11/21 09:56
L15	15	uniform near2 heat near2 distribution near2 water	US-PGPUB; USPAT	ADJ	ON	2008/11/21 10:02
L16	645	circulat\$3 pump and uniform (heat\$3 or temperature)	US-PGPUB; USPAT	ADJ	ON	2008/11/21 10:04
L17	67	circulat\$3 pump same uniform (heat \$3 or temperature)	US-PGPUB; USPAT	ADJ	ON	2008/11/21 10:20
L18	12	"6571564"	US-PGPUB; USPAT	ADJ	ON	2008/11/21 10:21
S1	1133	134/18.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/11/18 09:24
S2	694	134/25.2	US-PGPUB; USPAT	ADJ	ON	2008/11/18 11:34
S3	548	134/25.2 not 134/18	US-PGPUB; USPAT	ADJ	ON	2008/11/18 11:35
S4	428	134/25.2.ccls. not 134/18.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/11/18 11:35
S5	243	134/25.3.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/11/18 12:21
S6	229	S5 not S1	US-PGPUB; USPAT	ADJ	ON	2008/11/18 12:21
S8	5507	dish\$1wash\$3 and ((heat\$2 or pre \$1heat) same temperature)	US-PGPUB; USPAT	ADJ	ON	2008/11/18 12:25
S9	4385	dish\$1wash\$3 and ((heat\$2 or pre \$1heat) same temperature) AND control\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/18 12:26
S10	2687	dish\$1wash\$3 and ((heat\$2 or pre \$1heat) near3 (liquid or water))	US-PGPUB; USPAT	ADJ	ON	2008/11/18 12:27

S11	195	(dish\$1wash\$3 or ware\$1wash\$2) AND (((heat\$2 or pre\$1heat) near2 (liquid or water)) AND contr\$3) and (pre\$1determined temperature)	US-PGPUB; USPAT	ADJ	ON	2008/11/18 14:28
S12	199	(dish\$1wash\$3 or ware\$1wash\$2) AND (((heat\$2 or pre\$1heat) near2 (liquid or water)) AND control\$3) and (pre\$1determined temperature)	US-PGPUB; USPAT	ADJ	ON	2008/11/18 16:27
S13	4	S12 not S11	US-PGPUB; USPAT	ADJ	ON	2008/11/18 16:27
S14	53	(dish\$1wash\$2 or ware\$1wahr\$2) AND control\$3 and pre\$1heat near2 (water or liquid)	US-PGPUB; USPAT	ADJ	ON	2008/11/18 16:30
S15	191	(dish\$1wash\$2 or ware\$1wahr\$2) AND heat near2 control\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/18 16:45
S16	191	(dish\$1wash\$2 or ware\$1wahr\$2) AND (heat near2 control\$3)	US-PGPUB; USPAT	ADJ	ON	2008/11/18 16:46
S17	22	(dish\$1wash\$2 or ware\$1wahr\$2) AND (heat near2 control\$3)	EPO; JPO; DERWENT	ADJ	ON	2008/11/18 16:58
S18	4	(kitchenware adj washer) AND (heat near2 control\$3)	US-PGPUB; USPAT	ADJ	ON	2008/11/18 17:13
S19	675	134/56R.cds.	US-PGPUB; USPAT	ADJ	ON	2008/11/18 17:18
S20	13288	(dish\$1wash\$3 or ware\$1wash\$3 or (kitchenware adj wash\$3)) and ((pre\$1heat or preheat) SAME liquid or water)	US-PGPUB; USPAT	ADJ	ON	2008/11/18 17:28

S21	138	(dish\$1wash\$3 or ware\$1wash\$3 or (kitchenware adj wash\$3)) and ((pre \$1heat or preheat) SAME (liquid or water))	US-PGPUB; USPAT	ADJ	ON	2008/11/18 17:29
S24	2	rapid adj residential adj dishwasher	US-PGPUB; USPAT	ADJ	ON	2008/11/19 08:15
S25	26	("2619097"   "2760047"   "2993108"   "3069735"   "3123065"   "3186417"   "3213850"   "3575157"   "4058702"   "4169978"   "4313451"   "4371779"   "4420677").PNL OR ("4689089").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 08:21
S26	30	dishwasher AND (temperature near2 sens\$3) SAME (pump near2 stop\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 11:25
S27	2	("3847666"   "3923073").PNL	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 11:27
S28	41	dishwasher AND (temperature near2 sens\$3) SAME (pump near2 (stop\$3 or off or shut\$1off))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 11:37
S30	11	S28 not S26	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 11:38
S31	67	(dish\$1washer or ware\$1wash\$3) AND ((temperature near2 sensor) SAME (pump near2 control\$3 or stop\$3))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 11:41
S32	209	(dish\$1washer or ware\$1wash\$3) AND (temperature near2 sensor) AND (pump near3 control\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 11:44

S33	67	(dish\$1washer or ware\$1wash\$3 or (kitchenware adj wash\$3)) AND (temperature near2 sens\$3) SAME (pump near3 (control\$3 or \$2activat\$3 or clos\$3 or stop\$4 or off or shut\$1off))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 11:56
S34	22	(dish\$1washer or ware\$1wash\$3 or (kitchenware adj wash\$3)) AND (valve adj circuit)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 12:12
S35	16	(dish\$1washer or ware\$1wash\$3 or (kitchenware adj wash\$3)) AND (circulate near2 wash \$3 near2 liquid)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 12:32
S36	1914	(dish\$1washer or ware\$1wash\$3 or (kitchenware adj wash\$3)) AND heater	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 15:32
S37	6	((dish\$1washer or ware\$1wash\$3 or (kitchenware adj wash\$3)) AND heater).ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 15:33
S38	843	(dish\$1washer or ware\$1wash\$3 or (kitchenware adj wash\$3)) AND (heat \$3 same (control\$3 same (switch\$3 or \$button)))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 15:47
S39	190	(dish\$1washer or ware\$1wash\$3 or (kitchenware adj wash\$3)) AND (heat \$3 same manual\$2 same (control\$3 same (switch\$3 or \$button)))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 15:51
S40	2088	134/34.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 16:07
S41	100	134/34.ccls. and heat \$3 near2 control\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 16:08

S42	84	(dish\$1washer or ware\$1wash\$3 or (kitchenware adj wash\$3)) AND manual \$2 with (heat\$2 or temperature) with control\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 16:20
S44	250	(dish\$1washer or ware\$1wash\$3) AND heat\$3 near2 (switch or button)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 16:26
S45	373	(dish\$1washer or ware\$1wash\$3) AND (heat\$3 with cycle) same (select\$5 or switch or push-button or button)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 16:30
S46	45	(dish\$1washer or ware\$1wash\$3) AND (heat\$3 adj off)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/20 08:16
S47	16	(dish\$1washer or ware\$1wash\$3) AND craz\$3 same glass\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/20 08:30
S48	75	(dish\$1washer or ware\$1wash\$3) AND (craz\$3 or crack\$3 or fractur\$3)same glass \$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/20 08:31
S49	338	(dish\$1washer or ware\$1wash\$3) AND (craz\$3 or crack\$3 or fractur\$3 or break\$3) same glass\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/20 08:33
S50	55	(dish\$1washer or ware\$1wash\$3) AND (craz\$3 or crack\$3 or fractur\$3 or break\$3) same glass\$4 AND (heat\$3 near3 off)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/20 08:34
S51	5	(manual\$2 near2 (switch\$3 or turn\$3) near2 (heat\$3 or temperature)) and (dish\$1washer or ware\$1washer)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 08:59
S52	3	"4182351"	US-PGPUB; USPAT	ADJ	ON	2008/11/20 09:06
S53	23	dishwasher and cold wash	US-PGPUB; USPAT	ADJ	ON	2008/11/20 09:09

S54	195	134/35.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/11/20 11:41
S55	3	134/35.ccls. and dish \$1washer	US-PGPUB; USPAT	ADJ	ON	2008/11/20 11:42
S56	0	134/35.ccls. and ware \$1washer	US-PGPUB; USPAT	ADJ	ON	2008/11/20 11:44
S57	2268	134/42.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/11/20 11:45
S58	78	134/42.ccls. and (dish \$1washer or ware \$1washer)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 11:46
S59	61	134/198.ccls. and (dish\$1washer or ware\$1washer)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 11:49
S60	899	134/198.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/11/20 11:49
S61	1	134/198.ccls. and (heat\$3 adj off)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 12:11
S62	58	dish\$1wash\$3 and (heat\$3 adj off)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 12:12
S63	9	(flow adj section) AND (valve adj circuit)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 12:40
S64	16	(dishwasher) AND (valve adj circuit)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 12:41
S65	23	"4561904"	US-PGPUB; USPAT	ADJ	ON	2008/11/20 12:51
S66	16	dishwash\$3 same (pre \$1heat with (liquid or water))	US-PGPUB; USPAT	ADJ	ON	2008/11/20 12:59
S67	372	dish\$1wash\$3 AND (tank with (valve AND control))	US-PGPUB; USPAT	ADJ	ON	2008/11/20 13:03
S68	6	dish\$1wash\$3 AND (water near2 circulat \$ near2 heat near2 tank)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 13:20
S69	1	dish\$1wash\$3 AND (water near2 mix\$3 near2 heat near2 tank)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 13:21
S70	0	dish\$1wash\$3 AND (water near2 homogen\$3 near2 heat near2 tank)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 13:21

S71	0	dish\$1wash\$3 AND (water near2 homogen\$3 near2 temperature)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 13:22
S72	1878	dish\$1wash\$3 AND (water adj temperature)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 13:23
S73	4	dish\$1wash\$3 AND (water adj "same temperature")	US-PGPUB; USPAT	ADJ	ON	2008/11/20 13:23
S74	1154	dish\$1wash\$3 AND (water adj "same temperature" or mix \$4 or entrainer) and heater	US-PGPUB; USPAT	ADJ	ON	2008/11/20 13:27
S75	609	dish\$1wash\$3 AND (water with ("same temperature" or mix \$4 or entrainer)) and heater	US-PGPUB; USPAT	ADJ	ON	2008/11/20 13:28
S76	62	dish\$1wash\$3 AND (heat adj distribution)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 13:31
S77	508	dish\$1wash\$3 AND water with (equilibrium or "constant temperature")	US-PGPUB; USPAT	ADJ	ON	2008/11/20 13:35
S78	1	dish\$1wash\$3 AND water with (tank heater valve)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 14:04
S79	0	dish\$1wash\$3 AND (water with ((tank heater) same (valve control)))	US-PGPUB; USPAT	ADJ	ON	2008/11/20 14:05
S80	0	dish\$1wash\$3 AND (((tank heater) same (valve control)))	US-PGPUB; USPAT	ADJ	ON	2008/11/20 14:06
S81	31	dish\$1wash\$3 AND (tank same (valve control))	US-PGPUB; USPAT	ADJ	ON	2008/11/20 14:06
S82	564	dishwasher and (tank with valve)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 14:18
S83	76	dish\$1washer and (circulat\$3 near2 heat \$2 near2 water)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 14:34
S84	5	dish\$1washer and (circulat\$3 near2 heat \$2 near2 water near pump)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 14:41



S85	103	dish\$1wash\$3 and (closed circuit)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 14:49
S86	112	(dish\$1wash\$3 or (dish washer) or ware \$1washer) and (closed circuit)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 14:51
S87	485	(dish\$1wash\$3 or (dish washer) or ware \$1washer) and (circulat\$3 pump)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 14:58
S88	14	"3870228"	US-PGPUB; USPAT	ADJ	ON	2008/11/20 15:51
S89	4658	pump with circulat\$3 adj water	US-PGPUB; USPAT	ADJ	ON	2008/11/20 17:06
S90	0	pump with (circulat\$3 adj water) NEAR2 (homogeneous or "same temperature")	US-PGPUB; USPAT	ADJ	ON	2008/11/20 17:08
S91	0	pump SAME (circulat \$3 adj water) NEAR2 (homogeneous or "same temperature")	US-PGPUB; USPAT	ADJ	ON	2008/11/20 17:08
S92	0	pump SAME (circulat \$3 adj water) NEAR2 "same temperature"	US-PGPUB; USPAT	ADJ	ON	2008/11/20 17:08
S93	15	pump SAME (circulat \$3 adj water) SAME "same temperature"	US-PGPUB; USPAT	ADJ	ON	2008/11/20 17:09
S94	8	pump SAME (mix\$4 adj water) SAME "same temperature"	US-PGPUB; USPAT	ADJ	ON	2008/11/20 17:11
S95	36	pump SAME (circulat \$4 near2 water) SAME "same temperature"	US-PGPUB; USPAT	ADJ	ON	2008/11/20 17:12
S96	152	(circulat\$4 near2 water) SAME "same temperature"	US-PGPUB; USPAT	ADJ	ON	2008/11/20 17:15
S97	159	134/103.1	US-PGPUB; USPAT	ADJ	ON	2008/11/20 17:25
S98	19	dishwasher AND (heat \$2 near2 switch\$2 near off)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 17:41
S99	0	dishwasher AND (heat \$2 near2 switch\$2 near off) near2 manual\$2	US-PGPUB; USPAT	ADJ	ON	2008/11/20 17:41

S100	0	dish\$1washer AND (heat\$2 near2 switch \$2 near off) near2 manual\$2	US-PGPUB; USPAT	ADJ	ON	2008/11/20 17:42
S101	0	dish\$1washer AND (heat\$2 near2 switch \$2 near off) near2 user	US-PGPUB; USPAT	ADJ	ON	2008/11/20 17:42
S102	16	dish\$1washer AND (heat\$2 near2 switch \$2 near off)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 17:42
S103	348	dish\$1washer AND (heat\$2 same switch \$2 same off)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 17:44
S104	74	dish\$1washer AND (heat\$2 same switch \$2 adj off)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 17:46
S105	85	dish\$1washer AND (cycle off)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 17:48
S108	2	dish\$1washer AND heat off	US-PGPUB; USPAT	ADJ	ON	2008/11/20 17:51
S109	1	dish\$1washer AND switch\$3 heat\$3 off	US-PGPUB; USPAT	ADJ	ON	2008/11/20 17:51
S110	7	dish\$1washer AND turn\$3 heat\$3 off	US-PGPUB; USPAT	ADJ	ON	2008/11/20 17:52
S111	5529	dish\$1washer AND (control\$3 or turn\$3 off)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 18:02
S112	678	dish\$1washer AND (control\$3 or turn\$3 off) AND user select \$3	US-PGPUB; USPAT	ADJ	ON	2008/11/20 18:02
S113	3576	dish\$1washer AND (cycle or wash mode)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 18:09
S114	62	dish\$1washer AND (cycle or wash mode) and heat near2 control	US-PGPUB; USPAT	ADJ	ON	2008/11/20 18:09
S115	722	dish\$1washer AND control panel	US-PGPUB; USPAT	ADJ	ON	2008/11/20 18:14
S116	145	dish\$1washer AND wash cycle near2 select\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/20 18:19
S117	187	(dish\$1washer or warewasher)AND (wash\$3 near2 cycle near2 select\$3)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 18:33

S118	5	(dish\$1washer or warewasher)AND (wash\$3 near2 cycle near2 select\$3) and (heat\$3 near2 off)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 18:34
S120	73	(dish\$1washer or warewasher)AND (wash\$3 near2 cycle near2 select\$3) and (check\$3 or craz\$3 or crack\$3)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 18:36
S121	71	dishwasher and (energy near3 mode)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 18:42
S122	3	dishwasher same (energy near3 mode)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 18:43
S124	502	dishwash\$3 same mode	US-PGPUB; USPAT	ADJ	ON	2008/11/20 18:46
S125	315	dishwash\$3 same china	US-PGPUB; USPAT	ADJ	ON	2008/11/20 18:55
S126	13	"5017852"	US-PGPUB; USPAT	ADJ	ON	2008/11/20 19:04
S127	5	(manual\$2 near2 switch\$3 near2 heat \$3) and dishwasher	US-PGPUB; USPAT	ADJ	ON	2008/11/20 19:30
S130	80	circulating wash water	US-PGPUB; USPAT	ADJ	ON	2008/11/20 19:39
S131	64	circulate wash water	US-PGPUB; USPAT	ADJ	ON	2008/11/20 19:39
S132	14	"3870228"	US-PGPUB; USPAT	ADJ	ON	2008/11/20 19:45
S134	0	heat distribution same "same temperature" SAME dishwasher	US-PGPUB; USPAT	ADJ	ON	2008/11/20 19:57
S135	0	heat distribution same "same temperature" AND dishwasher	US-PGPUB; USPAT	ADJ	ON	2008/11/20 19:58
S136	838	134/105.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/11/20 20:06
S137	20305	circulate water near "same temperature" or (stab\$5 temperature)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 20:30
S139	28	circulate near2 water SAME ("same temperature")	US-PGPUB; USPAT	ADJ	ON	2008/11/20 20:31

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